

GOMBAS, P.; SZONDY, T.

Higher approximations of the statistical atom model in which electrodes are grouped according to the principal quantum number. Acta phys Hung 14 no.4:335-340 '62.

1. Physikalisches Institut der Universitat fur Technische Wissenschaften, Budapest, und Forschungsgruppe fur Theoretische Physik der Ungarischen Akademie der Wissenschaften, Budapest. 2. Redakteur, "Acta Physica Academiae Scientiarum Hungaricae" (for Gombas).

SZONDY, T.

Interpolation formulae for positive Thomas-Fermi ions. Acta
phys Hung 15 no.1:75-76 '62.

1. Research Group for Theoretical Physics of the Hungarian
Academy of Sciences, Budapest.

SZONDY, T.

Physical chemistry by E.A. Moelwyn-Hughes. Reviewed by
T. Szondy. Acta phys Hung 16 no.1:76 '63.

SZONDY, T.

Determination of wave functions of molecular systems by the method of the momenta. Pt.1. Acta phys Hung 17 no.3:303-313 '64.

1. Research Group for Theoretical Physics, Hungarian Academy of Sciences, Budapest. Presented by A. Konya.

SZONERT, J

SZONERT, J. organizacja panstwowej sluzby geologicznej w Polsce. (Wyd. 1.)
Warszawa, Wydawn. Geologiczne, 1955. 144 p. (Biblioteka zawodowa geologa.
Instrukcje, normy, zagadnienia prawne i organizacyjne, 14) (Organization of the
state geologic service in Poland. 1st ed. footnotes)

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

SZONERT, K.

(MATERIALY BUDOWLANE, Vol. 8, No. 10, Oct. 1953, Warszawa, Poland)

"The distribution of building materials in the light of the rule of the Presidium of the Government concerning the fulfillment of the national plan of supply."
p. 265.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol 3, No. 4, APRIL 1954

SZONERT, K.

"Supply of building materials in 1954," Materialy Budowlane, Warszawa, Vol 9, No 1, Jan. 1954, p. 20.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

SZONGOTH, M. ; ~~K~~ ~~E~~ ~~S~~ ~~I~~.

ELELMEZESI IPAR. (Mezőgazdasági és Élelmiszeripari Tudományos
Egyesület) Budapest.

Supplying raw materials for the agricultural industries by contract.
p. 249.

Vol. 12, No. 8/9, Aug./Sept. 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

SZONGOTH, Miklos, dr.

Some questions relating to the appraisal and further development
of government purchasing. Elelm ipar 17 no.6:185-192 Je '63.

1. Elemezesugyi Miniszterium.

SZONOKY, Miklos

Analysis of the loess section located in the Szeged Brick Factory
from the point of view of fine stratigraphy. Földt közl 93 no.2:
235-243 Ap-Je '63.

1. Szegedi Jozsef Attila Tudományegyetem Földtani Intézete.

SZONTAGH, Endre

Effect of surface preparation on the adhesive capacity of shiny
nickel coatings. Gepgyartastechn 4 no. 1:31-33 Ja '64.

1. Research Institute of Metal Industry, Budapest.

SZONTAGH, Ferenc; UHLARIK, Sandor; JAKOBOVITS, Antal

The ICSH content of the adenohypophysis of the female rat following treatment with pregnant mare serum gonadotropin. Kiserl. orvostud. 15 no.5:526-529 0 '63.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.

(ICSH) (SODIUM CHLORIDE) (CORTICOTROPIN)
(HYPOPHYSECTOMY) (PITUITARY GLAND, ANTERIOR)
(GONADOTROPINS, EQUINE) (OVARY) (SCROTUM)
(ADRENAL GLANDS) (TESTIS) (UTERUS) (PROSTATE)

Szontagh, J.
HUNGARY / Physical Chemistry - Electrochemistry.

B-12

Abs Jour : Referat. Zhurnal Khimiya, No.1, 1958, 583.

Author : J. Szontagh, J. Rozmanith.

Inst : Academy of Sciences of Hungary.

Title : Polarographic Study of Gallium.

Orig Pub : Acta chim. Acad. sci hung., 1956, 9, No.1-4, 99 - 103,
Discuss. 103 - 104.

Abstract : The wave of Ga is hardly noticeable on the KCl back-ground at pH = 2.9, but it separates from the H wave even at pH = 3.5. The Ga wave sinks in proportion to the rise of pH in the result of hydrolysis; it does not change at pH = 5.35 to 6.35, but sinks again at pH above 6.35. It is recommended to determine Ga in ores on a KCl background at pH = 5.35 to 6.35. The determination is possible at Ga contents of 1% and more. Al does not interfere with the determination, Zn does.

Card: 1/1

Szonntag, J.

✓ 40. Data on the polarographic determination of gallium.
J. Szonntag. *Magyar Kémiai Folyóirat*, Vol. 61.
1957, No. 9, pp. 257-258, 5 figs.

Chem
The hydrogen wave appearing at -1.58 volt in acid media (pH 2-3), recommended by Zeltzer and Challenger, interferes with the polarographic wave of gallium at -1.12 volt moreover the diffusion current (strongly dependent on pH) varies with the pH. Based on the experimental data it was found that between pH 5.35 and 6.35 the half wave potential is independent of the pH and the interference of the H^+ wave could be eliminated. To facilitate the pH adjustment of the sample the use of bromocresol purple indicator was recommended.

PM

Sz. Szontagh, J.

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✓ 1001. The chromatographic determination of the uranium content of Hungarian coal-ash. J. Szontagh, L. Farady and A. János (Univ. Chem. Ind., Veszprém, Hungary). *Magyar Kém. Foly.* 1955, 61 (10), 312-314. — For coal-ash, containing 40 to 50 per cent. of SiO_2 , the method of Burstall and Wells (*Analyst*, 1951, 76, 388) has been used, with the following modifications. Whatman ash-less paper No. 314 is cut into squares (10 mm x 10 mm); 10 g of this paper are activated with 5 per cent. HNO_3 (6 ml) by heating it to boiling in 3 min. and then boiling for a further 20 min. The pulp is washed successively, by suction, with H_2O (till free from NO_3^-), 98 per cent. ethanol (90 ml), absolute ethanol (90 ml) and anhydrous ether (450 ml). The coal-ash (2 to 3 g, ignited at 900°C) is fused in a platinum crucible with eight times its wt. of Na_2CO_3 - K_2CO_3 and the residue is taken up in conc. HNO_3 and twice evaporated to dryness in a platinum dish (the use of porcelain leads to loss

W. Chem.

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J. Szonntag

of uranium). The residue is then dissolved in HNO_3 (20 ml), filtered, washed with HNO_3 , evaporated to dryness and taken up in several portions (10 to 20 ml each) of ether- HNO_3 (95:5 by vol.) and transferred to the column, which is then washed with several portions of the solvent (total, 100 ml). The uranium is determined photometrically, by diluting the soln. with an equal vol. of H_2O , distilling off the ether and concentrating the soln. to a small vol. in a platinum dish. Conc. H_2SO_4 (2 to 3 ml) is added and the soln. is heated till fumes of SO_3 appear. To the cooled soln., diluted to ≈ 25 ml and filtered, 10 per cent. $\text{K}_4\text{Fe}(\text{CN})_6$ (5 ml, containing 1 per cent. of Na_2S) is added and the soln. is diluted to 50 ml. After 15 min., the extinction is measured photometrically at 5461 Å, with a 10-mm cell. The compensating soln. contains Na_2S and $\text{K}_4\text{Fe}(\text{CN})_6$. The calibration curve is prepared with uranyl nitrate. Reproducibility is within ± 15 per cent. A. G. Petro

2/2
PM

COUNTRY	: Hungary	H-13
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	75519
AUTHOR	: Szontag, L. and Nabicht, E.	
INST.	: Not given	
TITLE	: Kobanyai Porcelain Plant Installs New Kiln	
ORIG. PUB.	: Magyar Epitoipar, 8, No 4, 210-213 (1959)	
ABSTRACT	: No abstract.	

CARD: 1/1

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1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<div style="display: flex; justify-content: space-between;"> ca 11f </div> <p>Investigations on estrus in rats after rubbing their skins with vernix caseosa. László Lajos and Ferenc Szontagh. <i>Orvosi Lapja és Népegészségügy</i> 3: 2570-2 (1947).—Expts. on 14 ovariectomized rats showed that treatment daily with 0.2 g. vernix caseosa for 4 days developed estrus symptoms. This would affirm that vernix caseosa contains folliculin. István Finály</p>																																																			
<div style="display: flex; justify-content: space-between;"> <div> <p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>1ST AND 2ND ORDERS</p> </div> <div> <p>3RD AND 4TH ORDERS</p> <p>5TH AND 6TH ORDERS</p> </div> </div>																																																			

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GROUPS													LETTERS												
GROUPS													LETTERS												
<p>pa</p> <p>11-7</p> <p>Newer investigations on the hormone content of vernix caseosa. László Lajos and Ferenc Szentágh (Erzsébet Tudományegyetem Szülő és Nővérképző Kórház, Pécs, Hung.). <i>Orvosi Lapok Népegészségügy</i> 3, 1313-16 (1947).—See C.A. 42, 6014a. István Fényi</p>																									

CA

Evolution and growth of tadpoles by feeding vernix caseosa, progesterone, and folliculin. L. Lajos and E. Szontagh (Gynecol. Obstet. Clinic, Univ. of Pecs, Hungary). *J. Obstet. Gynecol. Brit. Empire* 53, 281-4 (1948).—The admin. of 10% of vernix caseosa to the food of tadpoles was followed by a marked acceleration of growth and metamorphosis. Progesterone promoted growth but had no effect on metamorphosis. Folliculin or fat feeding had no definite effect on either.

Rachel Brown

SZONTAGH, F. 1948

(Obstet. & Gyn Clinic , U. of Pecs)

"Quantitative Assay of the Follicular Hormone Content of Vernix Caseosa on Rats."

Orvosi Hetilap 1948, 89/10-11(173-174)
Abst: Exc. Med. 111, Vol. 111, No. 3, p. 106

SZONTAGH, F.
(836)

A Pecsí Tudományegyetem Szülő és Nőbeteg Klinikájáról. Adatok a menotoxin kérdéséhez Contributions to the problem of menotoxin Orvosi Hetilap 1948, 89 (433-448)
Graphs 1

Previous experiments to prove that blood serum and various secretions of menstruating women contain some sort of toxic substance were all performed either on plants or on isolated organs of experimental animals. The results were somewhat contradictory. Blood serum, urine and sweat during menstruation contain 80 to 100 times as much choline as in the intermenstrual periods (Sieburg and Platschke). In this experiment several hundred tadpoles were placed in groups of 25 in vessels containing 1,000 ml of water to which 50, 10 and 5 ml of urine of menstruating women, respectively, were added. All the tadpoles died within a few days, depending on the quantity of urine added to the water. On addition of 2 ml of urine the tadpoles usually died within two days. Of control animals treated with intermenstrual urine, even after three weeks only 25% had died. These results would suggest that menstrual urine contains some toxic substance, but it is not certain what this substance actually is.

So: EXCERPTA MEDICA. VOLUME 11, Number 2, Section II, February 1949

C.A.

//H

Effect of methylthiouracil on ovarian function of thyroid-
ectomized rats. György Liebert and Ferenc Szendrői
(Univ. Press, Hung.). *Kisbetele* (Budaörs) 1, 200 (1940).-- These rats were given for 1 month daily 0.10 g.
1-methyl-2-thiouracil. Estrus disappeared entirely
Luteinization of the ovaries and a significant decrease in
the no. of follicles were observed. The thyroid gland plays
no role in the drug's inhibiting effect on ovarian function.
István Fényi

CA

112

Effect of narcotics and hypnotics on respiration volume and frequency. F. E. Szontagh. *Hung. Acta Physiol.* 2, 1 17(1949) in *Engl. Refs. Expts.* were conducted on 20 tracheotomized dogs weighing 9-12 kg. A cannula was in-

troduced for the measurement of respiration vol. After fasting 12 hrs. 3.0, 0.0, and 8.0 g./kg. KClO₄ was administered as a 10% aq. soln. The effects were an incomplete anesthesia, a deep anesthesia, and a very deep anesthesia fatal in several cases. Both the rate and the vol. of respiration were slightly above normal. Deep anesthesia was observed with 1.0 g./kg. urethan as a subcutaneous injection. The preconscious tachypnea was moderate, and no considerable change was observed in the frequency and vol. of respiration. Similar effects were noted when the injection was increased to 3.0 g./kg. When, however, 0.05-, 0.10-, and 0.20-g./kg. doses of evipal were administered, no lethal effects were observed. The frequency and vol. of respiration showed a lasting decrease, and the normal values were not recovered for 12-14 hrs., although the animals were awake 2.5-3.0 hrs. after administering the drug. When 0.05-, 0.08-, and 0.12-g./kg. intravenous doses of luminal (phenobarbital) were administered, immediate deep sleep was observed, and simultaneously a lasting decrease in the rate and vol. of respiration occurred. This method allows distinguishing between narcotic (anesthetic) and hypnotic drugs.

István Finály

CAF

1/2

The effect of high-vitamin-E administration on the hypoproteinemia of pregnancy. E. E. Szontagh (Univ. Frauenklinik, Pecs, Hung.). *Schweiz. med. Wochenschr.* 81, 879-81 (1951).—Each of 10 women in the 7th to 9th month of pregnancy was given daily doses of 0.5 to 1.0 g. of vitamin E. In every instance the serum protein increased, albumin more than the globulin. If the vitamin was discontinued, the proteins dropped to previous levels. The more marked the hypoproteinemia, the greater was the effect of the vitamin. 36 references. John T. Myers

Szontagh, E.

LAJOS, L.; SZONTAGH, F.

On endocrine relations in shock the hitherto unknown pathobiologic role of the gonadotropic hormone. *Orv. Hetil.* 89, 405-407 (1952). (CML 23:3)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof. Dr. Laszlo Lajos), Pecs Medical University.

SZONTAGH, L.
LAJOS, L.; SZONTAGH, F.; FALI, K.

Characteristics of the gonadotrophic hormone in normal and toxæmic pregnancy. Acta med. hung. 4 no.3-4:265-273 1953. (CML 25:5)

1. Of the Department of Obstetrics and Gynecology of Pecs University.

SZONTAGH, F.

LAJOS, L.; SZONTAGH, F.

The role of gonadotrophic hormone in preventing histamine and anaphylactic shock. Acta med. hung. 4 no.3-4:283-290 1953. (CML 25:5)

1. Of the Department of Obstetrics and Gynecology of Pecs University.

LAJOS, L.;SZONTAGH, F.;PALI, K.

Property of gonadotropins in normal and toxemic pregnancies. Kiserletes
orvostud. 5 no.2:97-101 Mar 1953. (CML 24:4)

1. Obstetric and Gynecological Clinic of Pecs Medical University.

IAJOS, L.;SZONTAGH, F.

Role of gonadotropins in anaphylactic and histamine shocks. Kiserletes
orvostud. 5 no.2:107-111 Mar 1953. (CLML 24:4)

1. Obstetric and Gynecological Clinic of Pecs Medical University.

SZONTAGH, F.

Late pregnancy toxemias. Magy. noorv. lap. 16 no. 1-2:3-22 Jan 1953.
(CIML 24:1)

1. Doctor. 2. Obstetric and Gynecologic Clinic (Director -- Prof.
Iaszlo Lajos), Pecs Medical University.

SZONTAGH, F.

Chem Abs v48

1-25-54

Pathology

(6)

Gonadotropic activity of the adenopituitary in normal and pathologic pregnancy. L. Lajos, F. Szontagh, K. Pali, J. Görcs, and A. Bácsa (Univ. Pécs, Hung.). *Endokrinologia* 30, 138-46(1953).—The pituitary produces gonadotropin during the first three months of pregnancy to counteract the added stress. During the 4th month the pituitary is inactive. In cases of toxemia the pituitary defense mechanism acts again in the last trimester. Dorit L. Noether

LAJOS, L.; SZONTAGH, F.

New possibilities in the therapeutic use of gonadotropins; preliminary report. Orv. hetil. 94 no.8:213 22 Feb 1953. (GLML 24:3)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof. Dr. Laszlo Lajos), Pecs Medical University.

LAJOS, L.;PALI, K.;SZONTAGH, F.;GATI, I.;HUSVET, F.;CSABA, I.;HALVAX, L.

Improvement of results of abdominal operations with the utilization
of recent pathophysiological knowledges. Orv. hetil. 94 no.13:348-
351 29 Mar 1953. (GLML 24:4)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof.
Dr. Laszlo Lajos), Pecs Medical University.

SZONTAGH, F.; LAJOS, L.

Investigation on polysaccharides in blood proteins in toxemia.
Orv. hetil. 94 no.19:517-518 10 May 1953. (CIML 25:1)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof.
Dr. Laszlo Lajos), Pecs Medical University.

SZONTAGH, Ferenc,; SERES, Gabor.

Effect of vitamin E on secretion of gonadotropins in the
pituitary. Kiserletes orvostud. 7 no.2:166-169 Mar 55.

1. Pecsí Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(GONADOTROPINS, PITUITARY, physiology,
secretion, eff. of vitamin E)
(VITAMIN E, effects,
on pituitary gonadotropin secretion)

SZONTAGH, Ferenc, dr.; GLOS, Ivan, dr.; MIHALY, Sandor

Effect of radiotherapy of carcinoma of the portio vaginae on
serum polysaccharides. Orv.hetil. 101 no.43:1517-1520 23 0 '60.

1. Pécsi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika.

(CERVIX NEOPLASMS radiother)
(BLOOD SUGAR radiation eff)

SZONTAGH, Ferenc, dr.

Modern aspects of the origin and types of intersexual states. Orv.
hetil. 102 no.12:529-533 19 Mr '61.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinikája.

(HERMAPHRODITISM)

GLOS, Istvan, dr.; MIHALY, Sandor; SZONTAGH, Ferenc, dr.

Glycoproteins in fetal serum in normal and toxemic pregnancies. Orv.
hetil. 102 no.26:1216-1217 25 Je '61.

1. Pecsí Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika.

(GLYCOPROTEINS blood) (FETUS blood)
(PREGNANCY TOXEMIAS physiol)

SZONTAGH, Ferenc, dr.; JAKOBOVITS, Antal, dr.; MEHES, Karoly, dr.

Fetal sex determination in normal pregnancy by means of sex-chromatins. Orv.hetil. 102 no.34:1593-1594 20 Ag '61.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika és a Pécsi Orvostudományi Egyetem, Kóronctani Intézet.

(SEX DETERMINATION) (CHROMOSOMES)

SZONTAGH, Ferenc; TRAUB, Alfred

Recent data on trophoblast histology. Kiserl. orvostud. 14 no.2:
154-160 Ap '62.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.

(EMBRYO anat & histol)

SZONTAGH, Ferenc; SAS, Mihaly; TRAUB, Alfred

Placental production of gonadotropins in early stages of pregnancy and histochemical changes of the epithelium of the trophoblast under the influence of sex steroids. Kiserl. orvostud. 14 no.3: 306-313 Je '62.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(GONADOTROPINS CHORIONIC metab)
(EMBRYO pharmacol) (SEX HORMONES pharmacol)

SZONTAGH, Ferenc; UHLARIK, Sandor; JAKOBOVITS, Antal

Effect of gonadotropins on the rat hypophysis. Kiserl. orvostud. 14
no.3:321-323 Je '62.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(GONADOTROPINS CHORIONIC pharmacol) (PITUITARY GLAND pharmacol)

SZONTAGH, Ferenc; SAS, Mihaly, dr.

The effect of Orga-Steron (methyl-estrenolone) on the choriogonadotropin production in early pregnancy. Magy. noorv. lap. 25 no.6:321-324 N '62.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája
(Izgazgató: Szontagh Ferenc dr. egyetemi tanár)
(PREGNANCY) (TESTOSTERONE) (GONADOTROPINS, CHORIONIC)

SZONTAGH, Ferenc, dr.; SAS, Mihaly, dr.; SZEREDAY, Zoltan, dr.; BARDOCZY, Arpad, dr.; KOVACS, Laszlo, dr.

Clinical evaluation of a new norsteroid 17 α -ethynyl-17 β -hydroxy-
estrogen-4-ene (Lyncoestrenol) inhibiting ovulation. Orv. hetil. 103
no.27:1249-1255 8 J1 '62.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika.

(STEROIDS ther) (OVULATION pharmacol)

SZONTAGH, Ferenc, dr.; PIUKOVICH, Istvan, dr.

The role of peritoneal tuberculosis and the importance of proper therapy in primary and secondary female sterility. Tuberkulozis 16 no.1:1-4
Ja '63.

1. A Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati
Klinikájának (Igazgató: Szontagh Ferenc dr. egyetemi tanár) közleménye.
(STERILITY, FEMALE) (TUBERCULOSIS, PERITONEAL)

HUNGARY

SZONTAGH, Ferenc, UHLARIK, Sandor, JAKOBOVITS, Antal; Medical University of Szeged, Obstetrical and Gynecological Clinic (Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika).

"The ICSH Content of the Adenohypophysis of Female Rats After Serum Gonadotropin (PMS) Treatment."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 526-529.

Abstract: [Authors' German summary] The ICSH content of the anterior lobe of the pituitary of mature female rats decreases considerably as a result of serum gonadotropin. At the same time, the weight of the pituitary as well as the number of PAS-positive cells in the anterior lobe increase. The various possibilities of interpretation for the observed phenomena are pointed out by the authors. 1 Hungarian, 8 Western references.

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HUNGARY

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001754520019-7"

SZONTAGH, Ferenc, Dr, SÁJ, Pálné, Dr, TRAUER, Alfréd, Dr, ROVASS, László, Dr, BARDOCZY, Árpád, Dr, SZEREDAY, Zoltán, Dr; Medical University of Szeged, Obstetrical and Gynecological Clinic (Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika).

"The Effect of Various Norsteroids on the Hormone Excretion and on the Histomorphology of the Trophoblast During Pregnancy."

Budapest, Orvosi Hetilap, Vol 104, No 28, 14 July 1963, pages 1302-1303.

Abstract: [Authors' Hungarian summary modified] The effect of methylestrenolone (Orgasteron), allyloestrenol (Gestanon), lynestrenol (Orgametril) and norandrosthenolone propionate (Durabolin) has been tested on the hormonal excretion of 39 patients in early pregnancy, and the histochemical changes in the trophoblast were examined after the interruption of the pregnancy. All four norsteroids increased the hormone excretion of the placenta but the intensity and quality of their effect varied greatly. HCG excretion was greatly increased by Orgasteron, pregnandiol and estriol excretion was increased by Gestanon. A moderate decrease in the 17 ketosteroid and 17 hydroxy-ketosteroid excretion was caused by all four compounds tested, with Durabolin having the smallest effect. With the exception of the Durabolin treatment, the histochemical examination of the trophoblast showed such signs of hyperactivity, which explain the increase of hormone excretion and production in every instance. 7 Hungarian, 18 Western references.

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SAS, Mihaly, dr.; KOVACS, Laszlo, dr.; NEMETH, Iren, dr.; SZONTAGH, Ferenc, dr.

Data on the mechanism of the ovulation inhibiting effect of
oral progestational hormones. Orv. hetil. 105 no.24:1125-1127
14 Je'64

1. Szegedi Orvostudományi Egyetem, Női Klinika.

SAS, Mihaly, dr.; GABOR, Miklos, dr.; KOVACS, Laszlo, dr.; NEMETH, Iren,
dr.; SZONTAGH, Ferenc, dr.

Study of blood coagulation factors during gestagen treatment.
Orv. hetil. 105 no.29:1353-1355 19 JI'64

1. Szegedi Orvostudományi Egyetem, Noi Klinika.

SZEGVARI, M.; LAKOS, A.; SZONTAGH, F.; FOLDI, M.

The active function of the subcutaneous lymphatic vessels of the human lower extremity. Acta med. Acad. sci. Hung. 20 no.2:209-213 '64

1. Department of Gynecology and Obstetrics, and Second Department of Medicine, University Medical School, Szeged.

SZONTAGH, Ferenc, dr.; SAS, Mihaly, dr.; TRAUB, Alfred, dr.;
KOVACS, Laszlo, dr.; BARDOCZY, Arpad, dr.; SZEREDAY, Zoltan, dr.

The effect of different norsteroids on the hormone excretion
of pregnant women and on the histomorphology of the trophoblast.
Orv hestil 104 no. 28:1302-1307 J1 '63.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika.

(PREGNANCY) (PROGESTERONE) (NORTESTOSTERONE)
(ESTRADIOL) (ESTRIOL) (17-KETOSTEROIDS)
(PREGNANEDIOL) (NORMETHANDROLONE)
(GONADOTROPINS, CHORIONIC)

KOVACS, László, dr.; OROJAN, Ivan, dr.; SZEREDAY, Zoltan, dr.; SZONTAGH,
Ferenc, dr.

Obstetric anesthesia with a nitrogenoxidul-oxygen mixture using
the "Analgomat" apparatus. Orv. hetil. 106 no.25:1173-1176
20 Je '65.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika (igazgató: Szontagh, Ferenc, dr.).

ZELENKA, Lajos, dr.; SZEREDAY, Zoltan, dr.; SZONTAGH, Ferenc, dr.

A new simple contraceptive device. (Preliminary report).
Orv. hetil. 106 no.41:1946-1947 10 0 '65.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika (igazgató: Szontagh, Ferenc, dr.).

L 9760-66

ACC NR: AP6001954

SOURCE CODE: HU/0018/65/017/001/0051/0058

AUTHOR: Uhlarik, Sandor--Ukharik, Sh.; Kovacs, Laszlo--Kovach, L.; Viski, Sandor--
Vishki, Sh.; Szontagh, Ferenc--Sontag, F. 22
B

ORG: Obstetrical and Gynecological Clinic, Medical University of Szeged, Szeged
(Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája)

TITLE: Changes in the ICSH content of the pituitary and in the genital cycle of
female rats as a result of loading with the oral contraceptive, lynestrenol

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 51-58

TOPIC TAGS: biochemistry, gland, experiment animal, biologic reproduction,
drug effect, pharmacology, urology, endocrinology, hormone, drug

ABSTRACT: The effective ovulation-inhibiting
dose of Lynestrenol is 4 mg daily over a 20 day period. This dose decreases
the weight and PAS-positivity of the pituitary moderately, and its ICSH
content greatly. The weight and histological appearance of the ovaries is
also indicative of a decreased gonadotropin, mostly of absent ICSH, secretion.
The direct gestagenic and estrogenic effects of the compound are summated
in the uterus and on the cervical mucosa. The adrenals showed no significant
changes. The effect was reversible and a rebound effect could not be observed.

Orig. art. has: 6 figures and 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 12Mar64 / ORIG REF: 001 / OTH REF: 010

Card 1/1 C

SZONTAGH, Ferenc

The importance of endocrinology during pregnancy in the improvement of obstetric results. Orv. hetil. 106 no.44: 2065-2072 31 0 ' 65.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika (igazgató: Szontagh, Ferenc, dr.)

OBSTETRICS AND GYNECOLOGY

HUNGARY

GELLEN, Janos, Dr, KOVACS, Zoltan, Dr, SZONTAGH, Ferenc, Dr, BODA, Domokos, Dr; Medical University of Szeged, Obstetrical and Gynecological Clinic (director: SZONTAGH, Ferenc, Dr) and Pediatric Clinic (director: BODA, Domokos, Dr) (Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika és Gyermekgyógyászati Klinika).

"Fetomaternal Microhemotransfusion as a Result of Instrumental Abortion."

Budapest, Orvosi Hetilap, Vol 107, No 16, 17 Apr 66, pages 732-734.

Abstract: [Authors' Hungarian summary] It was established that the number of erythrocytes which contain fetal hemoglobin significantly increases in the maternal circulation as a result of instrumental abortion. Such elevation can be noted in about 70 per cent of the cases. The possibility of sensitization is raised in cases of abortion of an incompatible pregnancy. 19 Western references.

1/1

HUNGARY

PIUKOVICS, Istvan, Dr. IHRACSKA, Antal, Dr. JAKI, Agnes, Dr. BARDOczy, Arpad, Dr. SZONTAGH, Ferenc, Dr; Medical University of Szeged, Obstetrical and Gynecological Clinic (director: SZONTAGH, Ferenc, Dr) and Institute of Biochemistry (acting chairman: DOMJAN, Gyula, Dr) (Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika és Biokémiai Intézet).

"Changes in the GOT and GPT Activity of Human Placental Tissue in the Course of Pregnancy."

Budapest, Orvosi Hetilap, Vol 107, No 18, 1 May 66, pages 834-836.

Abstract: [Authors' Hungarian summary] The enzyme activity of 170 human placentas was studied. With advancing pregnancy, a minimal decrease in the GOT and a considerable decrease in the GPT activity of the placenta was observed. In response to allyloestrenol treatment in the first trimester of pregnancy, there was an increase in the GPT and a decrease in the GOT activity of the placenta. 3 Eastern European, 32 Western references.

1/1

- 34 -

SZONTAGH, P.

Agricultural architecture in the Soviet Union. p. 101. Vol. 4, No. 3
1955. MAGYAR EPITOIPAR. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1
January 1956.

SZONTAGH, P.

Report on chemical defense against caterpillars. p. 226.

AZ ERDO. Budapest, Hungary. Vol. 7, no. 6, June 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

PAGONY, Hubert, dr., a biologiai tudományok kandidátusa; SZONTAGH, Pal, dr.

The Council for Economic Mutual Assistance conference on forest protection in Bucharest.

1. Erdészeti Tudományos Intézet osztályvezetője, Sopron (for Pagony). 2. Erdészeti Tudományos Intézet erdővédelmi állomásának vezetője, Sopron (for Szontagh).

SZONTAGH, Pal

Standard designs for farm buildings. Magyar ipar 10 no.8:360-366
'61.

SZONTAGH, Pal, dr.

The significance of light traps from the point of view of forestry.
Erdo ll no.11:510-513 N '62.

1. Erdészeti Tudományos Intézet tudományos munkatársa és erdővédelmi
állomásának vezetője, Eger.

SZONTAGH, Pal

Data on the 'life' of *Malacosoma neustria* L. in Hungary. Allattani
kozl 50 no.1/4:167-173 '63.

1. Erdeszeti Tudomanyos Intezet, Budapest.

BOSZORMENYI, Bela, okl. banyamernok; SZEPESI, Pal, okl. banyamernok;
SZONYEY, Bela, okl. gepaszternok

Ploughing tests in mineral mining. Bany lap 94 no.4:245-247 Ap '61.

(Mineral industries)

SZONYEY, Tibor, dr., tanar

"Werk und Wir" or the champion of misleading. Munka 15
no.1:16-17 Ja '65.

JELLINEK, Imre, dr.; SZATMARI, Eva, dr.; SZONYI, Andras, dr.

Experience with gracidin. Orv. hatil. 101 no.20:701-703
15 My '60.

1. Budapesti Orvostudományi Egyetem, I. sz. Belklinika.
(PHENMETRAZINE ther.)
(OBESITY ther.)

HUNGARY/Chemical Technology: Chemical Products and Their Applica- H-4
tion: Corrosion. Corrosion Control

Abs Jour : Ref Zhur - Khim., 1958, No 24, No 81920

Author : Szonyi C.

Inst

Title : Effect of Variation in Operating Conditions on the Corrosion
Investigation Performed According to Milius

Orig Pub : Kohasz. lapok, 1955, 10, No 10, 444-451

Abstract : No abstract

Card : 1/1

EXCERPTA MEDICA Sec 16 Vol 7/6 Cancer June 59

2177. **Experimental investigations into the problem of the rarity of tumour metastases in the skeletal muscles** Experimentelle Untersuchungen zur Frage der Seltenheit von Geschwulstmetastasen in der Skelettmuskulatur. Korrássy B., Szónyi E. and BARADNAY Gy. Inst. für Pathol. Anat. und Pathohistol., Med. Univ., Szeged *Z. Krebsforsch.* 1958, 62/4 (370-374) Tables 2 Illus. 2

A 20% NaCl suspension of Brown-Pearce tumour cells was injected into the left ventricle of the heart of rabbits. Next, blood from the lower extremities was tapped from the caudal vena cava and injected into the veins of the ear in a 2nd series of healthy animals. Metastases in the muscles developed far more often in the first series as a result of the massive inundation of the arterial system with tumour cells than in case of intratesticular transplantation of the Brown-Pearce tumour. Metastases in different organs were found in the 2nd series, indicating that tumour cells can by-pass the skeletal muscles biologically without affecting them. Here, however, no metastases in the muscles were found. The old assumption is rejected according to which the muscles are basically not a suitable soil for metastases to take root in.

Bienengräber - Rostock

KORPASSY, Bela, Dr.; SZONYI, Ferenc, Dr.; BARADNAY, Gyula, Dr.

Experimental studies on causes of the rare occurrence of neoplastic metastases in skeletal muscles. Orv. hetil. 99 no.29:982-985 20 July 58.

1. A Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani Intézetének (igazgató: Korpassy Bela dr. egyet. tanár) közleménye.
(MUSCLES, neoplasms
exper. induction of metastatic tumors in skeletal musc.
of rabbits (Hun))

BERENYI, Jozsef, dr.; SZONYI, Ferenc, dr.

Specific antibiotics in the treatment of otorhinolaryngological ambulatory patients. *Ful-orr-gegegyogy* 6 no.4:172-176 D '60.

1. A szegedi Varosi Korhaz Ful-, orr-, gegeosztalyanak (foorvos: Erdelyi Jeno dr.) es a szegedi Orvostudomanyi Egyetem Korbonctani Intezetenek (igazgato: Korpassy Bela dr. egyet. tanar) kozlemenye.
(ANTIBIOTICS ther)
(OTORHINOLARYNGOLOGY ther)

POKOHNY, Lajos, dr.; SZONYI, Ferenc, dr.

Studies on old-age pathology. Orv hetil 101 no.23:817-820
5 Jé '60.

1. Szegedi Orvostudományi Egyetem, Kóronctani és Kórsvovettani
Intezet.
(GERIATRICS statist.)

SZONYI, GABOR

Distr: 4E2c

Measurement of the thermal expansion (of metals) at high temperatures. Gabor Szonyi. *Kohászati Lapok* 91: 135-8 (1958).—A dilatometer, capable of operating at temps. up to 1800°, was developed. It is based on a siliimanite (I) tube (m. > 1700°, as compared with that of < 1200° for the currently used quartz), prepd. from 34-SK type clay and 80% Al₂O₃. The app. was successfully used in detd. by measuring in it the known α of a 50 mm. (diam.) Pt cylinder. The rod transmitting the α of the specimen to the indicator, which is located within the tube, is also made of I. The app. was successfully used in measuring the α of chrome-magnesia bricks. A comparison of empirical findings gave identical results. L. G. Arvid.

APPROVED FOR RELEASE: 08/31/2001

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SZONYI, Gyorgy

Role of serum protein levels and administration of proteins in pre- and post-operative care in gynecological surgery. Magy. noorv. lap. 21 no.4: 193-199 Aug 58.

1. Budapesti Orvostudományi Egyetem II. sz. női klinikájának közleménye
(Igazgató: Zoltan Imre dr. egyet. tanár)

(BLOOD PROTEINS, determ.

pre- & postop. levels in gynecol. surg., eff. of high-protein diets (Hun))

(GENITALIA, FEMALE, surg.

pre- & postop. blood protein levels & eff. of high-protein diets (Hun))

(DIETS, eff.

high-protein diets on pre- & postop. blood protein levels in gynecol. surg. (Hun))

SZONYI, Gyorgy, dr.; FAJTHA, Ferenc, dr.

(Injuries of urinary tract during gynecologic surgery. Magy. nporv.
lap. 26 no.3:169-174 My '63.

1. A Peterfy Sandor utcai Korhaz-Rendelointezet (igazgato: Galosi
Gyorgy dr.) Szuleszet-Nogyogyaszati osztalyanak (megbizott foorvos:
Szonyi Gyorgy dr.) es a Budapesti Orvostudomanyi Egyetem II. sz.
Noi Klinikajanak (igazgato: Zoltan Imre dr. egyetemi tanar) kozlemenye.
(BLADDER DISEASES) (URETER) (HYSTERECTOMY)
(CESAREAN SECTION)

SZONYI, Imre

Agricultural innovations, inventions. Ujit lap 14 no.21:20-21
10 N '62.

SZONYI, Imre

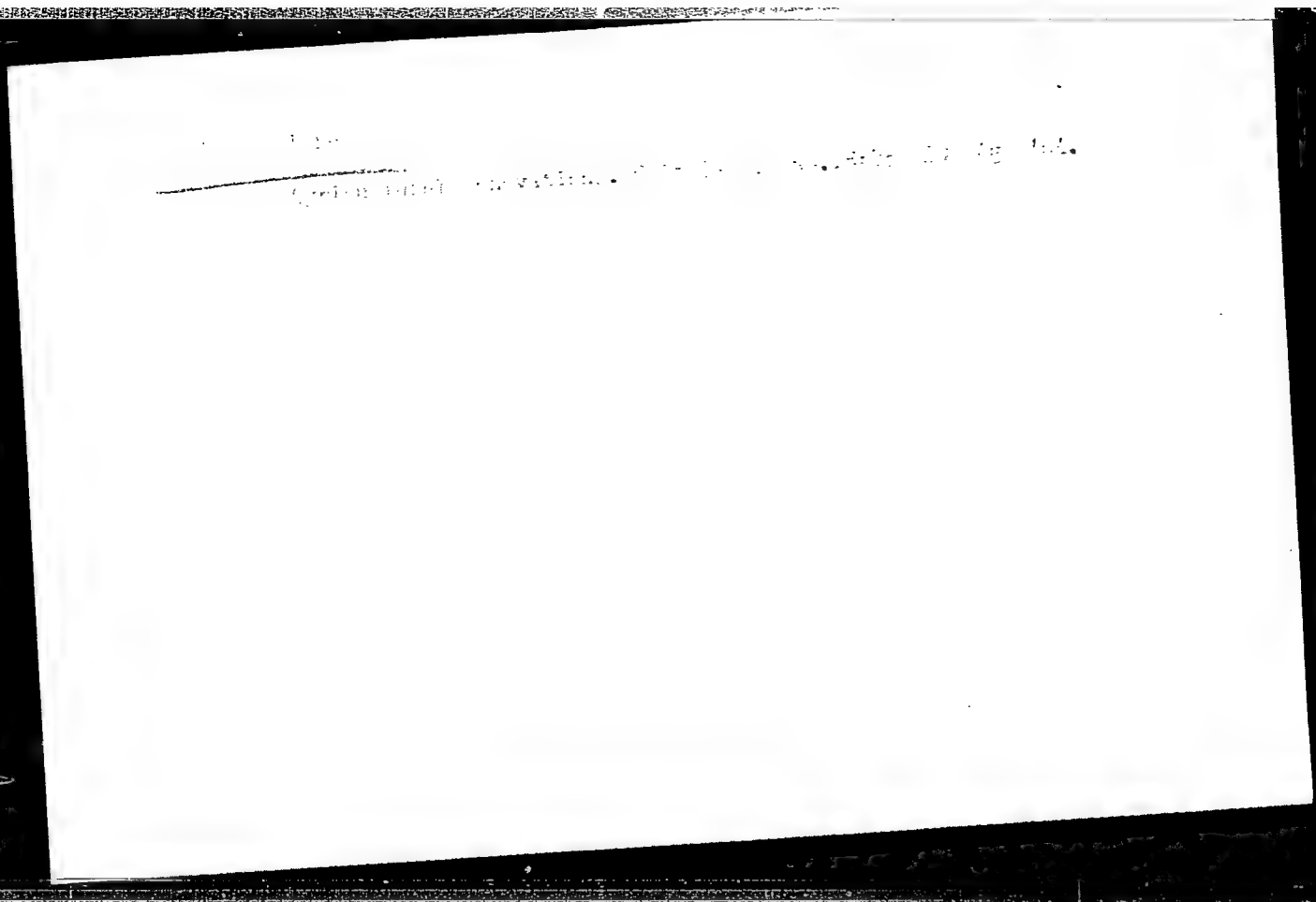
Innovations and ideas. Mezogazd techn 3 no.4:25 '63.

SZONYI, Imre

Innovation conference and exhibition in Tolna County.
Ujit lap 16 no.1:12-13 10 Ja'64.

"APPROVED FOR RELEASE: 08/31/2001

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SZONYI, Laure

August 29 is the opening date of the 1986 World Fair. Ujib
lap 16 no.16:20-21 25 26 27.

GYOZO, Jozsef; LORANTH, Imre; RAKSANYI, Kalman; SZONYI, Istvan

Short-wave communication radio receivers; also, remarks by I.Szonyi.
Muszaki kozl MTA 26 no.1/4:99 '60. (EEAI 9:10)

1. Mechanikai Laboratorium (for Gyozo, Loranth and Raksanyi)
(Hungary--Radio)

HUNGARY

FERKO, Sandor, Dr, GAL, Imre, Dr, SZONYI, Istvan, Dr: Capital City Council Tetenyi Ave Hospital, Obstetrical-Gynecological Ward (chief physician: FERKO, Sandor, Dr) and Radiology (chief physician: GAL, Imre, Dr) (Fovarosi Tanacs Tetenyi Uti Korhaz, Szuleszeti-Nogyogyaszati Osztaly es Rontgen Osztaly), Budapest.

"Experiences With the Use of Cytostatic Compounds in Cases of Malignant Ovarian Tumors."

Budapest, Orvosi Hetilap, Vol 108, No 11, 12 Mar 67, pages 496-498.

Abstract: [Authors' Hungarian summary] Based on a literature survey and 7 cases observed, the experiences gained in the course of the cytostatic therapy of malignant ovarian tumors are reported. The therapeutic principles (surgery and irradiation) used by the authors are described in detail, followed by a discussion concerning the particular phase in which cytostatic treatment is administered as well as the method and amount used. According to the authors' views, cytostatic therapy should be used in every case. Although sufficient time has not yet elapsed for the final evaluation of the good results achieved in the cases discussed, it is the opinion of the authors that the therapeutic approach advocated by them is convincingly justified by the absence of symptoms and complaints in 5 patients, especially the incurable cases which had become suitable for radical surgery as well as those cases in which recurrences or metastases disappeared. 5 Hungarian, 36 Western references.
1/1

SZONYI, Jeno

Determination of the sinking limit velocity of spherical
solids. Jarmu mezo gep 6 no.7:22I-224 '59.

SZONYI, Jeno; PAPAI, Laszlo

Speed ratio of the pneumatic transportation of granular materials.
Jarmu meze gep 6 no.8:225-235 '59.

1. Budapesti Muszaki Egyetem Vizgepek Tanszeke.

Szonyi, J.

A simple method for dimensioning measuring orifices; nomogram for facilitating the application of the MSz No.1709 standard. p.194

MERES ES AUTOMATIKA. (Merstechnikal es Automatizalasis Tudomanyos Egyesulet)
Budapest, Hungary. Vol.7, no.7, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

SZONYI, Jeno

Examination of the operational characteristics of centrifugal pumps transporting viscous liquids. Veszprem vegyip egy kozl 6 no.1:93-110 '62

1. Veszoremi Vegyipari Egyetem Gaptani Tanszek.

SZONYI, Jeno

Pressure measurement by means of strain gauge resistance. Vesz-
prem vegyip egy kozl 5 no.2:145-150 '61

1. Veszpremi Vegyipari Egyetem Geptan Tanszak.

SZONYI, J.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

Effect of dielectric properties on the formation of gel structures. A. Buzágh and J. Szonyi (Eötvös Univ., Budapest). *Acta Chim. Acad. Sci. Hung. 3, 479-84 (1953) (in German)*.
When coagulation expts. were made on collagen gels with nonelectrolytes, a close correlation was found between flocculating efficiency and dielec. const. of the agent. Only nonelectrolytes with dielec. const. below 35 were effective. Conversely, collagen gels with fibrous structures form at lower concns. of flocculating agent, the lower is its dielec. const. Below values of 20 formation of structure is independent of the value of dielec. const.
J. P. D.

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SZONYI, J.

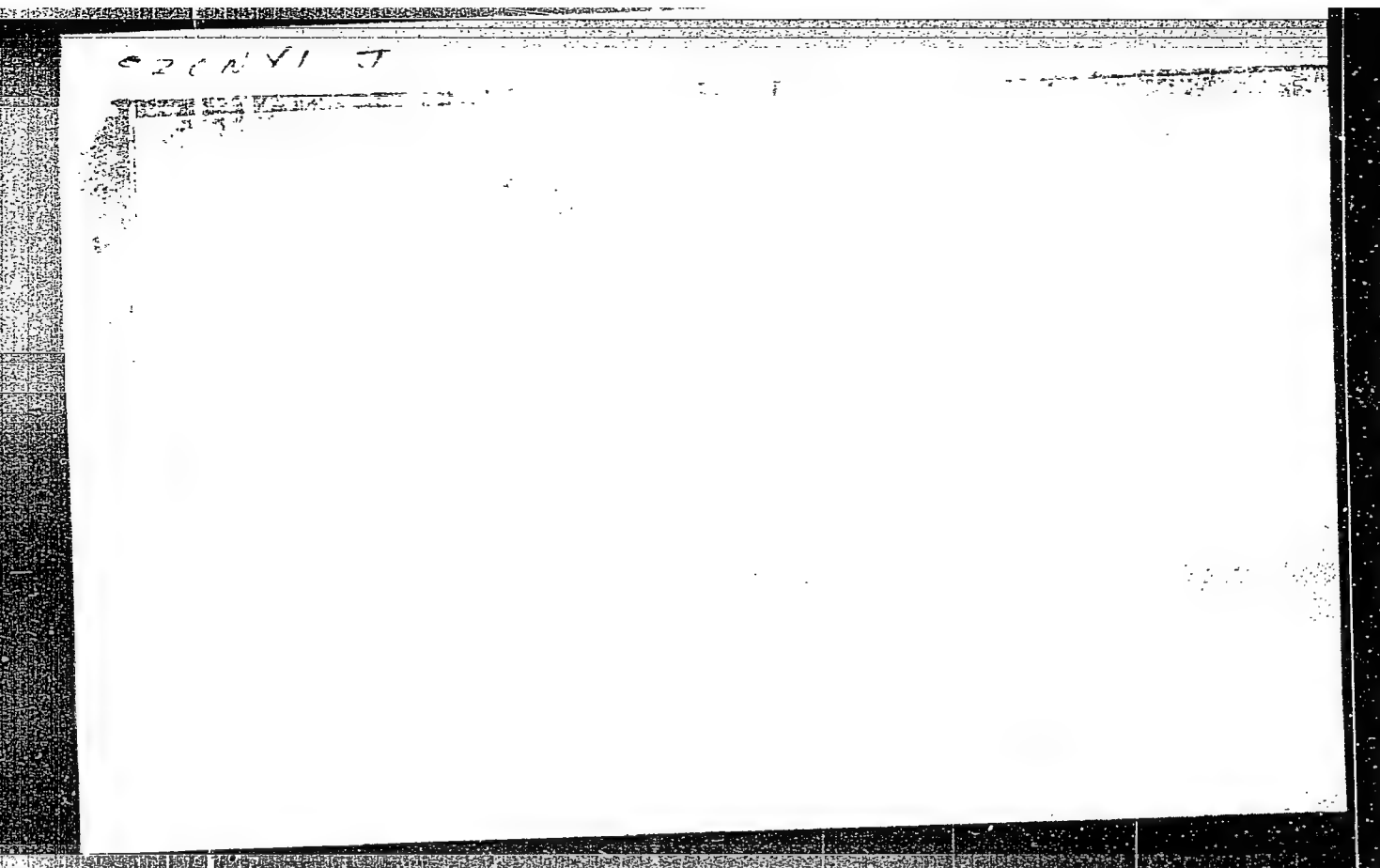
HUNG :

2. Effect of dielectric properties on the formation of gel structures — A dielektromos sajátságok befolyása a gélizéssel kialakulására — A. Buzágh and J. Szonyi. (Hungarian Journal of Chemistry — *Magyar Kémiai Folyóirat* — Vol. 59, 1953, No. 11, pp. 345–347, 2 tabs.)

Studies made up to the present on the structure formation of collagen gels established that the formation does not depend only on the electric double layer and on the action of forces influenced by the electric load affecting sol particles. New points of view must also be considered, mainly the role of the dispersing agent. In order to solve this question coagulation experiments were carried out with nonelectrolytes having various dielectric constants. A close correlation was found between the flocculating capacity and the dielectric constant. Only nonelectrolytes having a dielectric constant below 35 proved effective. Dielectric properties are significant from the point of view of the formation of structures as well. For the formation of collagen gels with a fibrous structure, the lower the dielectric constant the lower the concentration of the flocculating agent should be. In case of dielectric constants below approx 20 the formation of the structure proved independent of dielectric properties. Experimental data confirm that not only the properties of the disperse phase but also those of the dispersing agent are responsible for both the coagulation and the structure formation.

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SZONYI, Jeno

Fluid mechanical analysis and calculation of rotameters. Veszprem
vegyip egy kozl 8 no.1:57-70 '64.

1. Chair of the Science of Machines of the Chemical Industry
University, Veszprem. Submitted January 22, 1964.

HOSZ, Dezso, dr.; SZONYI, Karoly, dr.

Esophagoscopy removal of a pseudomembrane caused by complete caustic stenosis of the esophagus. Orv. hetil. 96 no.35:978-980 28 Aug 55.

1. A Fovarosí Korányi Frigyes és Sándor Kózkórház (igazgató-főorvos Pethő Imre dr.) Röntgenlaboratóriumának (főorvos: Földi Mihály dr) közleménye.

(ESOPHAGUS, stenosis

caustic, causing pseudomembrane, surg. removal by esophagoscopy)

(ESOPHAGOSCOPY

removal of pseudomembrane caused by caustic stenosis of esophagus)

HOSZ, Dezso, dr.,; SZONYI, Karoly, dr.

Bronchoscopy and radiography in extraction of foreign bodies from segmental bronchi. Orv. hetil. 96 no.39:1062-1063 18 Sept 55.

1. A Fovarosí Koranyi Frigyes és Sándor Kozkorház (Igazgató főorvos: Pethő Imre dr.) Röntgenosztályának (főorvos: Földi Mihály dr.) közleménye.

(BRONCHI, foreign bodies,

extraction, bronchoscopy & x-rays in)

(FOREIGN BODIES,

bronchi, extraction, bronchoscopy & x-ray in)

(BRONCHOSCOPY,

extraction of for. bodies)

SZONYI, Iaszlo, dr., a mezogazdasagi tudomanyok (erdeszat) kandidatusa

Use of deciduous trees in papermaking. Erdo 13 no.3:142 Mr '64.

1. Editorial board member, "Az Erdo."

ERDŐS, László, dr., a mezőgazdasági tudományok (erdészet) kandidátusa

Possibilities for improving the frost resisting properties of the Douglas fir. Erdo 13 no.6:283-284 Je '64.

1. Editorial board member, "Az Erdo."

HUNGARY / Forestry. Forest Crops.

K-5

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72836.

Author : ~~Szonyi, Laszlo.~~

Inst : Not given.

Title : Afforestation of an Open-Pit Coal Mine.

Orig Pub: Az erdo, 1956, 5, No 5, 190-197.

Abstract: The procedure is described of improvement of soil conditions in abandoned localities of open-pit coal mining (Hungary) with the goal of afforestation. Special significance is given to preliminary plantings of soil-improving forest species (enumerated) with subsequent introduction of valuable species (pine, oak). Agricultural engineering recommendations are cited.

Card 1/1

38

SECRET, I.

Reutilization of areas hurt by mining operations.

P. 172 (Magyar Bányászati és Kohászati Egyesület) Budapest
Vol. 12, No. 3, Mar. 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11 November 1957.

SZONYI, Laszlo, Dr., ö. t. erdőmérnök, a mezőgazdasági tudományok kandidátusa

Tasks of recultivation of an area after the ending of mining operations during the period of research and planning. Bany
lap 94 no.6:379-383 Je '61.

1. Erdészeti Tudományos Intézet, Budapest.

SZONYI, Laszlo, dr., a mezoga zdasagi tudomanyok (erdeszeti)
kandidatusa

Data on the growth of the thickness of some tree varieties.
Erdo 11 no.7:289-300 J1 '62.

1. Erdeszeti Tudomanyos Intezet osztalyvezetoje, Budapest;
"Az Erdo" szerkeszto bizottsagi tagja.

SZONYI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeszeti) kandidatusa,
tudomanyos osztalyvezeto

On the work of the Matrafured Experimental Forestry. Erdo 12 no.5:
224-228 My '63.

1. Erdeszeti Tudomanyos Intezet, Budapest.

SCHONBACH, H.; SZONYI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeshet)
kandidatusa [translator]

Achievements in the improvement of aspens (Populus tremula L.)
in the German Democratic Republic. Erdo 12 no.12: 569-573 D'63.

1. Erdeszeti Tudomanyos Intezet Erdeszeti Nemesitesi Osztalya,
Tharandt (for Schonbach).